

SLB SERIES

2' X 2'

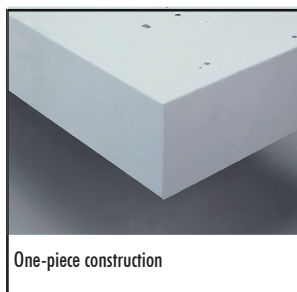
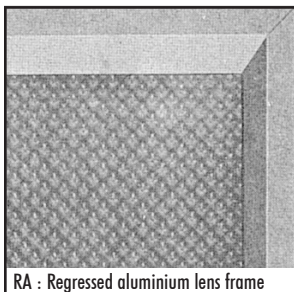
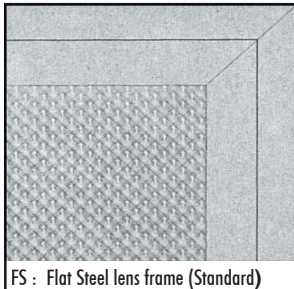
SLB SURFACE

2' x 2' SURFACE BOX FLUORESCENT
FLAT STEEL OR REGRESSED ALUMINIUM FRAME
2- 6" U LAMP T8/T12 OR 4 2' LINEAR T8/T12

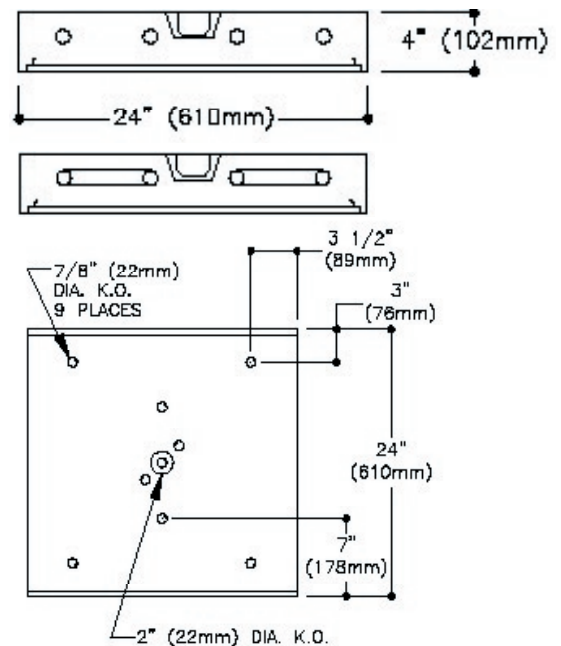
- Shallow 4" deep body.
- Positive cam-action latches door frame on either side.
- Efficiency 63.6% (2 T8U6).
- Center mounted ballast compartment (2 or 4 lamps).
- Snap-on wiring channel cover removed without tools.
- Matte black light seal on both ends to prevent light leaks.
- Spot welded one-piece construction.



MOUNTING METHODS/FEATURES



DIMENSIONS



FIXTURE TYPE

VOLTS

JOB INFORMATION:

CFI FLUORESCENT

SLB SERIES

2' X 2'

SLB SURFACE 2' x 2' SURFACE FLUORESCENT

PHOTOMETRY

MODEL NO. SLB2SFVA2U6120S0

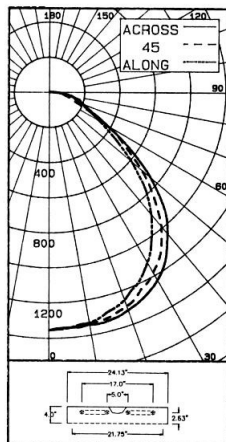


LIGHTING SCIENCES CANADA LTD.

440 Phillip St., Unit 19, Waterloo, Ont., Canada N2L 5R9
Tel: (519) 746-3140 Fax: (519) 746-3156

CERTIFIED TEST REPORT NO. LSC6203
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI 2x2 INDOOR FLUORESCENT TROFFER FIXTURE CAT. NO. SLB2SFVA2U6120S0
WITH WHITE PAINTED INTERIOR AND FLAT PRISMATIC K-12 LENS
TWO FB31T8/TL741/6 31W T8 U-SHAPED FLUORESCENT LAMPS, LUMEN RATING = 2600 LMS.
ADVANCE 120V TWO-LAMP ELECTRONIC BALLAST NO. REL-2P32-RH-TP



CANDLEPOWER SUMMARY				OUTPUT LUMENS	
ANGLE	ALONG	45	67.5	ACROSS	
0	1355	1355	1355	1355	1355
5	1346	1353	1344	1345	129
10	1331	1331	1334	1346	1343
15	1293	1309	1325	1332	373
20	1254	1267	1293	1302	1317
25	1195	1208	1235	1268	572
30	1116	1134	1180	1221	1231
35	1012	1043	1104	1136	682
40	897	938	985	1024	1043
45	764	788	834	878	917
50	600	627	677	713	743
55	444	477	511	536	459
60	326	355	367	389	376
65	248	242	227	265	257
70	188	178	142	188	204
75	150	125	112	134	171
80	103	92	82	91	120
85	42	38	45	50	58
90	0	0	0	0	51

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1073	20.64	32.46
0-40	1754	33.74	53.07
0-60	2857	54.94	86.41
0-90	3306	63.58	100.00
40-90	1551	29.84	46.93
60-90	449	8.64	13.59
90-180	0	0.00	0.00
0-180	3306	63.58	100.00

** EFFICIENCY = 63.6% **

LUMINANCE SUMMARY-CD. / SQ. M.

ANGLE	ALONG	45	ACROSS
45	3539	3877	4264
55	2534	2927	3163
65	1919	1769	2022
75	1905	1415	2175
85	1583	1683	2196

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

PAINT REFLECTANCE = .89 S/MH = 1.3
SC(ALONG) = 1.2, SC(ACROSS) = 1.3

CERTIFIED BY: *Charles Sisson* DATE: OCT 10, 1995
PREPARED FOR: CANADIAN FLUORESCENT INDUSTRIES
CORNWALL, ONTARIO

LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST., UNIT 19
WATERLOO, ONTARIO CANADA N2L 5R9

CERTIFIED TEST REPORT NO. LSC6203
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI 2x2 INDOOR FLUORESCENT TROFFER FIXTURE CAT. NO. SLB2SFVA2U6120S0
WITH WHITE PAINTED INTERIOR AND FLAT PRISMATIC K-12 LENS
TWO FB31T8/TL741/6 31W T8 U-SHAPED FLUORESCENT LAMPS, LUMEN RATING = 2600 LMS.
ADVANCE 120V TWO-LAMP ELECTRONIC BALLAST NO. REL-2P32-RH-TP

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	50	30	10	70	50	30
30	10	70	50	30	10	70
10	70	50	30	10	70	50
0	70	50	30	10	70	50
RCR	70	50	30	10	70	50
0	.76	.76	.76	.76	.74	.74
1	.70	.68	.65	.63	.69	.66
2	.65	.61	.57	.54	.63	.59
3	.60	.54	.50	.46	.59	.53
4	.55	.49	.44	.40	.54	.48
5	.51	.44	.38	.35	.50	.43
6	.47	.39	.34	.31	.46	.39
7	.44	.36	.30	.27	.43	.35
8	.40	.32	.27	.23	.39	.31
9	.37	.29	.24	.20	.36	.28
10	.34	.26	.21	.18	.34	.26

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 54.3
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: SLB2GFSVA2U6120S0

SL	B	2	S	FS	VA	2	U6	120	S0	
SLB SURFACE	B= Surface box	FIXTURE WIDTH	CEILING TYPE	LENS FRAME	LENS/SHIELDING TYPE	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE	BALLAST TYPE	OPTIONS
LENS TROFFER BOX			S= Surface	FS= Flush full-size steel frame. RA= Regressed flush full-size	VA = Pattern 12 lens, .095" nominal prismatic lens (standard). see options and consult factory.	2 or 4	17=T8 24=T12 (Nominal 24") U6=6" U Lamp T8 or T12	120,277 347 LE <20THD† <10THD† SO* RO** 1 or 2-2 Lamp Elect. T8 O4* R4** 1-4 Lamp Elect. T8 PS --- LOL T8 Dimming * Instant Start Standard **Rapid Start Standard		Add appropriate suffix to catalogue no.

† % Total Harmonic Distortion

OPTIONS/ACCESSORIES

LENSES/SHIELDING

VB : Pattern 12 lens .125" nominal-Prismatic lens
VY : Pattern 12 lens .130" nominal-Prismatic lens
KA : Pattern 19 lens .156" nominal-Prismatic lens

AP : 1/2 x 1/2 x 1/2 parabolic louver silver acrylic
SA : 1 1/2 x 1 1/2 x 7/8 parabolic louver silver acrylic

STEM AND CANOPY SETS: Suspend luminaire 12", 18", 24", 36", or 48" from surface. (Four per luminaire is recommended.) catalogue Number: STKF12 (12"); STKF18 (18"); STKF24 (24"); STKF36 (36"); STKF48 (48")

RADIO INTERFERENCE FILTER: 120, 277 or 347 volt, 50 or 60 Hz. SUFFIX: R.
BALLAST OPTIONS: For other ballast options, consult ballast specification sheet (folio BA-1-02)

SPECIFICATIONS:

PERFORMANCE: In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with a reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .68. To prevent glare the average brightness at 65° shall not exceed 2022 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 67.5%.

MATERIALS: Chassis parts are die-formed 20 gauge cold rolled steel.

FINISH: White baked polyester powder coat.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS:



We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

CFI FLUORESCENT

525 EDUCATION RD., CORNWALL, ONTARIO K6H 6C7
TEL.: (613) 938-6221 FAX: (613) 938-0961

CANLITE